| Inde | ex of ( | Claims |  |
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|      |         |        |  |

| Application/Control No |
|------------------------|
|------------------------|

10/711,881

Examiner

VAN T. PHAM

Applicant(s)/Patent under Reexamination

WANG, CHE-CHIEH

Art Unit

2627

|   | Allowed  |
|---|----------|
| 1 | Rejected |

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| Z | Non-Elected  |
|---|--------------|
| _ | Interference |

| A | Appeal   |
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| 0 | Objected |

| Cla          | im                   | Date         |              |              |              |              |              | $\neg$   |              |                 |
|--------------|----------------------|--------------|--------------|--------------|--------------|--------------|--------------|--|--------------|-----------------|
|              |                      |              |              |              |              |              |              | $\neg$   |              | ヿ               |
| Final        | Original             | 4/10/07      |              |              |              |              |              |  |              |                 |
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|              | 4                    |              | -            |              |              | $\Box$       |              |  |              |                 |
|              | 5                    | v            |              |              |              |              |              |  |              | 7               |
|              | 6                    | ><br>><br>>  |              |              |              |              |              | ヿ  |              | $\neg$          |
|              | 7                    | ٧            |              |              |              |              |              |  |              |                 |
|              | 8                    | ٧            |              |              |              |              |              |  |              |                 |
|              | 9                    | ٧            |              |              |              |              |              |  |              |                 |
|              | 10                   | v            |              |              |              |              |              |  |              |                 |
|              | 11                   | v            |              |              |              |              |              |  |              |                 |
|              | 12                   | ٧            |              |              |              |              |              |  |              |                 |
|              | 13<br>14<br>15       | -            |              |              |              |              |              |  |              |                 |
|              | 14                   | V<br>V       |              |              |              |              |              |  |              |                 |
|              | 15                   | ٧            | L            |              |              |              |              |  |              |                 |
|              | 16<br>17<br>18<br>19 | _            |              |              |              |              |              |  |              |                 |
|              | 17                   | V<br>V       |              |              |              |              |              |  |              |                 |
|              | 18                   | ٧            |              |              |              |              |              |  |              |                 |
|              | 19                   | ٧            |              |              |              |              |              |  |              |                 |
|              | 20                   | ٧            |              |              |              |              |              |  |              |                 |
|              | 21                   |              |              |              |              |              |              |  |              |                 |
|              | 22                   |              |              |              |              |              |              |  |              |                 |
|              | 21<br>22<br>23       |              |              |              |              |              |              |  |              |                 |
|              | 24                   |              |              |              |              |              |              |  |              | Ш               |
|              | 24<br>25             |              |              | _            |              |              |              |  |              |                 |
|              | 26                   |              | L            |              | <u> </u>     |              |              |  |              |                 |
|              | 27<br>28             | <u> </u>     |              |              |              |              |              |  |              | Щ               |
|              | 28                   |              |              |              |              | _            |              |  |              |                 |
|              | 29                   | L            |              |              |              |              |              |  |              |                 |
| _            | 30                   | <u> </u>     |              |              |              |              |              |  |              |                 |
|              | 31                   | <u> </u>     |              | <u> </u>     |              | _            |              |  | _            |                 |
|              | 32<br>33             | ┞            | <u> </u>     | <u> </u>     | <u> </u>     | _            | _            |  |              |                 |
| ļ            | 33                   | _            | <u> </u>     | <u> </u>     | L_           | 1            | <u> </u>     |  |              | Ш               |
|              | 34                   |              | _            | _            | <b> </b>     | <u> </u>     | <u> </u>     |  | <u> </u>     |                 |
| <u> </u>     | 35                   | Ь-           | <b> </b>     | <del> </del> | <u> </u>     | <u> </u>     | ļ            |  | <u> </u>     | Н               |
| <u> </u>     | 36                   | <del> </del> | <u> </u>     | -            | -            | _            | <u> </u>     | $\vdash$   | <u> </u>     | Ш               |
|              | 37                   | $\vdash$     | <del> </del> | ļ            | <del> </del> | <u> </u>     | <b>-</b>     | <del> </del>                                     | <u> </u>     | Н               |
| ļ            | 38                   | -            | <u> </u>     |              | $\vdash$     | ├-           | ├            | <del> </del>                                     | <del> </del> | $\vdash \vdash$ |
| ļ            | 39                   | -            | <u> </u>     | ├            | ├            | ├            | <del> </del> | -  | ├            | $\vdash\vdash$  |
|              | 40                   | ₩            | $\vdash$     | $\vdash$     | -            | $\vdash$     |              | $\vdash$   | $\vdash$     | Н               |
| <u> </u>     | 41                   | +-           | $\vdash$     |              | $\vdash$     |              | -            | $\vdash$   |              | Н               |
| <del> </del> | 42                   | -            | -            | -            | -            | -            | <del> </del> | $\vdash$   |              | Н               |
| <u> </u>     | 43                   | +            | $\vdash$     | ├            | $\vdash$     | $\vdash$     | -            | -  | -            | Н               |
| <u> </u>     | 44                   | ╀            | $\vdash$     | $\vdash$     | $\vdash$     | $\vdash$     | -            | $\vdash$   | $\vdash$     | $\vdash$        |
| ļ            | 45                   | +            | ├-           | ├            | ├            | <del> </del> | +-           | $\vdash$   | -            | H               |
| <u> </u>     | 46                   | +            | ₩            | $\vdash$     | $\vdash$     | $\vdash$     | -            | <del>                                     </del> |              | -               |
|              | 48                   | +-           | ⊢            | ╁            | ╁            | $\vdash$     |              | -  | -            |                 |
|              | 48                   | $\vdash$     | ┼            | $\vdash$     | $\vdash$     | $\vdash$     | ├-           | ╁  | $\vdash$     | $\vdash$        |
| $\vdash$     | 50                   | +-           | ├-           | ├-           | ┼            | ┼            | $\vdash$     | $\vdash$   | $\vdash$     | $\vdash$        |
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|---|----------|----------|--|--------------------|----------|----------|--|--------------|----------|--|----------|
| 51         52         53         54         55         56         57         58         59         60         61         62         63         64         65         66         67         68         69         70         71         72         73         74         75         76         77         78         79         80         81         82         83         84         85         86         87         88         89         90         91         92         93         94         95         96         97         98         99  |          |          |  |                    |          |          |  |              |          |  |          |
| 52         53         54         55         56         57         58         59         60         61         62         63         64         65         66         67         68         69         70         71         72         73         74         75         76         77         78         79         80         81         82         83         84         85         86         87         88         89         90         91         92         93         94         95         96         97         98         99   | Final    | Original |  |                    |          |          |  |              |          |  |          |
| 53         54         55         56         57         58         59         60         61         62         63         64         65         66         67         68         69         70         71         72         73         74         75         76         77         78         79         80         81         82         83         84         85         86         87         88         89         90         91         92         93         94         95         96         97         98         99  |          | 51       |  |                    |          |          |  |              |          |  |          |
| 54         55         56         57         58         59         60         61         62         63         64         65         66         67         68         69         70         71         72         73         74         75         76         77         78         79         80         81         82         83         84         85         86         87         88         89         90         91         92         93         94         95         96         97         98         99   |          | 52       | _  |                    |          |          |  |              |          | _  |          |
| 55         56         57         58         59         60         61         62         63         64         65         66         67         68         69         70         71         72         73         74         75         76         77         78         79         80         81         82         83         84         85         86         87         88         89         90         91         92         93         94         95         96         97         98         99  |          | 53       |  |                    |          |          |  |              |          | _  |          |
| 56         57         58         59         60         61         62         63         64         65         66         67         68         69         70         71         72         73         74         75         76         77         78         79         80         81         82         83         84         85         86         87         88         89         90         91         92         93         94         95         96         97         98         99   |          |          | _  |                    |          |          |  |              |          |  |          |
| 57         58         59         60         61         62         63         64         65         66         67         68         69         70         71         72         73         74         75         76         77         78         79         80         81         82         83         84         85         86         87         88         89         90         91         92         93         94         95         96         97         98         99  |          | 55       | _  |                    |          |          |  |              |          |  |          |
| 58         59         60         61         62         63         64         65         66         67         68         69         70         71         72         73         74         75         76         77         78         79         80         81         82         83         84         85         86         87         88         89         90         91         92         93         94         95         96         97         98         99   |          |          |  |                    |          | _        | -                                      | -            |          | -  |          |
| 59         60         61         62         63         64         65         66         67         68         69         70         71         72         73         74         75         76         77         78         79         80         81         82         83         84         85         86         87         88         89         90         91         92         93         94         95         96         97         98         99  | -        | 58       | $\dashv$   |                    | _        | -        | Н                                      | -            |          | $\dashv$   |          |
| 60<br>61<br>62<br>63<br>64<br>65<br>66<br>67<br>68<br>69<br>70<br>71<br>72<br>73<br>74<br>74<br>75<br>76<br>77<br>78<br>79<br>80<br>81<br>82<br>83<br>84<br>82<br>83<br>84<br>85<br>86<br>87<br>88<br>89<br>90<br>91<br>92<br>93<br>94<br>95<br>96<br>97<br>98<br>99  | -        | 59       |  |                    |          |          |  |              |          |  |          |
| 61<br>62<br>63<br>64<br>65<br>66<br>67<br>68<br>69<br>70<br>71<br>72<br>73<br>74<br>75<br>76<br>77<br>78<br>79<br>80<br>81<br>82<br>83<br>84<br>82<br>83<br>84<br>85<br>86<br>87<br>88<br>89<br>90<br>91<br>92<br>93<br>94<br>95<br>96<br>97<br>98<br>99  |          |          |  |                    |          | _        |  |              |          |  |          |
| 62<br>63<br>64<br>65<br>66<br>67<br>68<br>69<br>70<br>71<br>72<br>73<br>74<br>75<br>76<br>77<br>78<br>79<br>80<br>81<br>82<br>83<br>84<br>82<br>83<br>84<br>85<br>86<br>87<br>88<br>89<br>90<br>91<br>92<br>93<br>94<br>95<br>96<br>97<br>98<br>99  |          | 61       |  |                    |          |          |  |              |          |  |          |
| 64 65 66 66 67 68 68 69 70 70 71 72 73 74 75 76 77 77 78 78 79 80 81 82 83 84 85 86 87 88 89 99 90 91 91 92 93 99 99 99 99 99 99 99 99 99 99 99 99  |          |          |  |                    |          |          |  |              |          |  |          |
| 65<br>66<br>67<br>68<br>69<br>70<br>71<br>72<br>73<br>74<br>75<br>76<br>77<br>78<br>79<br>80<br>81<br>82<br>83<br>84<br>85<br>86<br>87<br>88<br>89<br>90<br>91<br>92<br>93<br>94<br>95<br>96<br>97<br>98  |          | 63       |  |                    |          |          |  |              |          |  |          |
| 66 67 68 68 69 70 70 71 71 72 73 74 75 76 77 77 78 78 79 80 81 82 83 84 85 86 87 88 89 90 90 91 91 92 93 94 99 99 99 99 99 99 99 99 99 99 99 99   |          |          |  |                    |          |          |  |              |          |  |          |
| 67<br>68<br>69<br>70<br>71<br>72<br>73<br>74<br>75<br>76<br>77<br>78<br>79<br>80<br>81<br>82<br>83<br>84<br>85<br>86<br>87<br>88<br>89<br>90<br>91<br>92<br>93<br>94<br>95<br>96<br>97<br>98  |          | 65       |  |                    |          |          |  |              |          |  |          |
| 68<br>69<br>70<br>71<br>72<br>73<br>74<br>75<br>76<br>77<br>78<br>79<br>80<br>81<br>82<br>83<br>84<br>85<br>86<br>87<br>88<br>89<br>90<br>91<br>92<br>93<br>94<br>95<br>96<br>97<br>98  | ļ        | 66       |  |                    |          | _        |  |              |          |  |          |
| 69  |          |          |  | ļ                  |          | _        |  | _            |          |  |          |
| 70  |          | 68       |  |                    | <u> </u> |          |  |              | -        |  |          |
| 71  | -        | 70       |  |                    | ├        | $\vdash$ | $\vdash$                               |              | -        | -  |          |
| 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97  | <u> </u> | 71       |  |                    |          |          |  | -            |          | -  |          |
| 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97  | -        | 72       |  |                    |          | <u> </u> |  | _            |          | _  |          |
| 74  |          | 73       | _  | _                  |          | -        |  |              |          |  | Т        |
| 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 91 92 93 94 95 96 97   |          | 74       |  |                    | _        |          |  |              |          |  |          |
| 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 91 92 93 94 95 96 97  |          | 75       |  |                    |          |          |  |              |          |  |          |
| 777 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97   |          | 76       |  |                    |          |          |  |              |          |  |          |
| 79 80 81 81 82 83 84 85 86 87 88 89 90 91 91 92 93 94 95 96 97  |          | 77       |  |                    |          |          |  |              |          |  |          |
| 80<br>81<br>82<br>83<br>84<br>85<br>86<br>87<br>88<br>89<br>90<br>91<br>91<br>92<br>93<br>94<br>95<br>96<br>97  |          | 78       | <u> </u>   |                    |          |          | _                                      |              |          |  | _        |
| 81<br>82<br>83<br>84<br>85<br>86<br>87<br>88<br>89<br>90<br>91<br>91<br>92<br>93<br>94<br>95<br>96<br>97  |          | 79       | _  | _                  |          | ļ_       |  | ļ            | _        |  |          |
| 82<br>83<br>84<br>85<br>86<br>87<br>88<br>89<br>90<br>91<br>91<br>92<br>93<br>94<br>95<br>96<br>97  |          |          |  |                    | ╙        | <u> </u> | _                                      | <u> </u>     | <u> </u> |  | _        |
| 83<br>84<br>85<br>86<br>87<br>88<br>89<br>90<br>91<br>91<br>92<br>93<br>94<br>95<br>96<br>97<br>98  |          |          | _  | -                  | ₩        | ⊢        | H                                      | -            | -        | ├  | H        |
| 84 85 86 87 88 89 90 90 91 91 92 93 93 94 95 96 97 98 99 99   | -        | 83       |  | <del> </del>       | -        | -        | <del>  -</del>                         | -            | ├        | $\vdash$   | $\vdash$ |
| 85<br>86<br>87<br>88<br>89<br>90<br>91<br>92<br>93<br>94<br>95<br>96<br>97<br>98  | $\vdash$ | 84       | <del> </del>                                     | $\vdash$           | $\vdash$ | -        | $\vdash$                               | <del> </del> | -        | $\vdash$   | -        |
| 86<br>87<br>88<br>89<br>90<br>91<br>92<br>93<br>94<br>95<br>96<br>97<br>98  |          | 85       | $\vdash$   | Н                  |          |          | $\vdash$                               |              | ┢        | <del>                                     </del> |          |
| 87<br>88<br>89<br>90<br>91<br>92<br>93<br>94<br>95<br>96<br>97<br>98  |          | 86       |  | Г                  | Г        | Τ        |  |              |          |  |          |
| 88<br>89<br>90<br>91<br>92<br>93<br>94<br>95<br>96<br>97<br>98  |          | 87       |  |                    |          |          |  |              |          |  |          |
| 90<br>91<br>92<br>93<br>94<br>95<br>96<br>97<br>98<br>99  |          | 88       |  |                    |          | 匚        |  |              | Ĺ        | 匚  | 匚        |
| 91<br>92<br>93<br>94<br>95<br>96<br>97<br>98<br>99  |          | 89       |  | $oxedsymbol{oxed}$ |          | _        | <u> </u>                               |              | _        | ļ  | _        |
| 92<br>93<br>94<br>95<br>96<br>97<br>98<br>99  |          |          | <u> </u>   | _                  | <u> </u> | _        | $oldsymbol{oldsymbol{oldsymbol{eta}}}$ |              | <u> </u> | <u> </u>   | _        |
| 93<br>94<br>95<br>96<br>97<br>98<br>99  | <u> </u> |          | <b> </b>   | $\vdash$           |          | 1—       | -                                      | <b>—</b>     | <b>—</b> | ļ  | -        |
| 94 95 96 97 98 99 99  |          |          | -  | <u> </u>           | H        | -        | $\vdash$                               | -            | $\vdash$ |  | -        |
| 95<br>96<br>97<br>98<br>99  | -        |          | $\vdash$   | H                  | -        | $\vdash$ | $\vdash$                               | -            | -        | ┢  | ╁        |
| 96<br>97<br>98<br>99  | $\vdash$ |          | $\vdash$   | $\vdash$           | -        | +        | ┢                                      | $\vdash$     | -        | <del>  -</del>                                   | -        |
| 97<br>98<br>99  |          |          | $\vdash$   | $\vdash$           | H        | -        | t                                      | $\vdash$     |          | 1  | $\vdash$ |
| 98 99   | -        |          | <del>                                     </del> | H                  | $\vdash$ | T        | t                                      |              | T        | 一  | $\vdash$ |
| 99  |          |          |  | T                  | $\vdash$ | İ        | Г                                      |              |          |  |          |
|   |          | 99       |  |                    |          |          |  |              |          |  |          |
|   |          |          |  |                    |          |          |  |              |          |  |          |

|              |  |          |  |          |          | _        | _        |          |                |          |
|--------------|--|----------|--|----------|----------|----------|----------|----------|----------------|----------|
| _Cla         | aim                                    | _,       |  | Date     |          |          |          |          |                |          |
| Final        | Original                               |          |  |          |          |          |          |          |                |          |
|              | 101<br>102                             |          |  |          |          |          |          |          |                |          |
|              | 102                                    |          |  |          |          |          |          |          |                |          |
|              | 103                                    |          |  |          |          |          |          |          |                |          |
|              | 104                                    |          |  |          |          |          |          |          |                |          |
|              | 105                                    |          |  |          |          |          |          |          |                | _        |
|              | 106                                    |          |  |          |          |          |          |          |                |          |
|              | 107                                    |          | _  |          |          |          |          |          | _              | _        |
|              | 108                                    | $\Box$   | _  |          |          |          |          |          |                | _        |
|              | 109                                    |          |  |          |          | _        |          |          |                |          |
|              | 111                                    |          | -  | $\dashv$ |          |          |          | -        |                | $\dashv$ |
|              | 112                                    | -        |  | -        |          | -        | -        |          |                | $\dashv$ |
|              | 110<br>111<br>112<br>113<br>114<br>115 | -        |  | -        | _        |          | -        | H        |                | $\dashv$ |
|              | 114                                    | $\vdash$ |  | $\vdash$ |          |          |          |          |                | ᅱ        |
|              | 115                                    |          |  | $\vdash$ |          | Г        |          |          |                | $\dashv$ |
|              | 116                                    |          | $\Box$   | П        |          |          |          |          |                | $\dashv$ |
|              | 117<br>118                             |          |  |          |          |          |          |          |                | $\neg$   |
|              | 118                                    |          |  |          |          |          |          |          |                |          |
|              | 119                                    |          |  |          |          |          |          |          |                |          |
|              | 120<br>121                             |          |  |          |          |          |          |          |                |          |
|              | 121                                    |          |  |          |          |          |          |          |                |          |
|              | 122<br>123                             |          |  |          |          |          |          |          |                |          |
|              | 123                                    |          |  |          |          | <u> </u> | _        | L        |                |          |
|              | 124                                    | Ш        |  | _        |          | _        |          |          |                |          |
|              | 125                                    | _        |  |          |          | <u> </u> |          | <u> </u> | -              |          |
|              | 125<br>126<br>127                      | _        | _  |          |          | ⊢        | -        |          | _              | $\dashv$ |
|              | 127                                    | H        |  | $\vdash$ |          | ⊢        |          | -        | -              |          |
|              | 128<br>129                             | Н        | -  | -        | -        | ⊢        | $\vdash$ | ⊢        | -              | -        |
| <del> </del> | 130                                    | Н        | _  | -        | $\vdash$ | $\vdash$ | $\vdash$ | ⊢        | -              | -        |
|              | 130<br>131<br>132                      | H        | <del>                                     </del> |          |          | $\vdash$ |          | $\vdash$ | -              | $\vdash$ |
|              | 132                                    |          |  | -        |          |          |          | $\vdash$ |                |          |
|              | 133                                    |          |  |          | _        |          | 1        | T        | $\vdash$       |          |
|              | 134                                    |          |  |          |          |          |          |          |                |          |
|              | 135                                    |          |  |          |          |          |          |          |                |          |
|              | 136<br>137                             |          |  |          |          |          |          |          |                |          |
|              | 137                                    |          |  | L        | <u></u>  | 乚        |          |          |                |          |
|              | 138                                    |          | <u> </u>   | _        |          |          | <u> </u> | <u> </u> | L.             |          |
|              | 139                                    | <u> </u> | <u> </u>   | _        | _        | Ļ        | ļ        | L        | _              |          |
|              | 140                                    | <b>L</b> | _  | $\vdash$ |          |          | <u> </u> | ├-       | <u> </u>       |          |
| <u> </u>     | 141                                    | <u> </u> |  | $\vdash$ | -        | <b>-</b> | −        | ┼—       | $\vdash$       | $\vdash$ |
|              | 142<br>143                             | $\vdash$ | $\vdash$   | ⊢        | -        | -        | ╁        | ┢        | ├              | -        |
| <u> </u>     | 143                                    | ⊢        | -  | +-       | $\vdash$ | $\vdash$ | $\vdash$ | -        | -              | -        |
| -            | 144                                    | ┼─       | -  | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$ | +        | +              | $\vdash$ |
| <del> </del> | 146                                    | $\vdash$ | <del> </del>                                     | $\vdash$ | $\vdash$ | +-       | ╁        | +        | <del>  -</del> | $\vdash$ |
| _            | 147                                    | +-       | $\vdash$   | +        | $\vdash$ | $\vdash$ | t        | $\vdash$ | T              | T        |
|              | 148                                    | 1        | $\vdash$   | $t^-$    | $\vdash$ | $\vdash$ | T        | †        |                | Т        |
|              | 149                                    | $\vdash$ | $\vdash$   | 1-       | 1        | T        | t        | T        | T              | T        |
|              | 150                                    | T        | T  | $\vdash$ | T        | $\top$   |          | T        | 1              | 1        |
|              |  | -        |  |          |          |          |          | ١        |                |          |